

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C08B31/18 A23L1/0522

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C08B A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, BIOSIS, PAJ, WPI Data, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 385 608 A (FITT LARRY E ET AL) 31 January 1995 (1995-01-31) cited in the application	1,3-5, 10,12, 13,15
Y	column 1, lines 24,25; claims 1,4,5	6,7,16, 17
X	US 3 607 393 A (HAMILTON ROBERT M ET AL) 21 September 1971 (1971-09-21) claims 1,2	1-5,8, 10-14
X	SEGUCHI M: "OIL BINDING CAPACITY OF PRIME STARCH FROM CHLORINATED WHEAT FLOUR" CEREAL CHEMISTRY, vol. 61, no. 3, 1984, pages 241-244, XP009025938 ISSN: 0009-0352 page 242 - page 243; tables I,II,IV page 241, left-hand column	1,2, 8-10,13, 14
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

21 December 2004

Date of mailing of the international search report

05/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Radke, M

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	RUSSELL P L ET AL: "A STUDY BY ESCA OF THE SURFACE OF NATIVE AND CHLORINE-TREATED WHEAT STARCH GRANULES THE EFFECTS OF VARIOUS SURFACE TREATMENTS" JOURNAL OF CEREAL SCIENCE, vol. 5, no. 1, 1987, pages 83-100, XP009025922 ISSN: 0733-5210 page 87, paragraph 3; figure 1; table II -----	1-5,8-10
Y	WO 99/00425 A (MU FORSTER CHEN ; UNIV RUTGERS (US); WASSERMAN BRUCE (US)) 7 January 1999 (1999-01-07) cited in the application page 20, lines 1-15; claim 18 -----	6,7
Y	US 4 368 212 A (HECKMAN ERWIN) 11 January 1983 (1983-01-11) column 1, lines 27-50; claim 1 column 2, lines 13,14 column 3, lines 21-26 -----	16
Y	EP 0 823 439 A (ERAWAN PHARMACEUTICAL RESEARCH) 11 February 1998 (1998-02-11) page 2, lines 16-36; claim 5 -----	17

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010264

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5385608	A	31-01-1995	US 5346892 A	13-09-1994
			US 5126334 A	30-06-1992
			BR 9301423 A	05-10-1993
			CA 2093058 A1	04-10-1993
			JP 1993921 C	22-11-1995
			JP 6239901 A	30-08-1994
			JP 7023401 B	15-03-1995
			KR 254363 B1	01-05-2000
			AR 246274 A1	29-07-1994
			AT 137506 T	15-05-1996
			AU 634947 B2	04-03-1993
			AU 8837191 A	11-06-1992
			BR 9105265 A	18-08-1992
			CA 2056939 A1	06-06-1992
			CN 1063115 A ,B	29-07-1992
			DE 69119205 D1	05-06-1996
			DE 69119205 T2	14-08-1996
			DK 489424 T3	12-08-1996
			EP 0489424 A2	10-06-1992
			ES 2086463 T3	01-07-1996
			FI 915722 A	06-06-1992
			HK 166196 A	13-09-1996
			JP 2110722 C	21-11-1996
			JP 4293902 A	19-10-1992
			JP 8016122 B	21-02-1996
			KR 191969 B1	15-06-1999
			MX 9102354 A1	01-06-1992
			NZ 240743 A	25-11-1992
			SG 49076 A1	18-05-1998
			ZA 9109340 A	30-12-1992
US 3607393	A	21-09-1971	BE 725693 A	19-06-1969
			DE 1816164 A1	10-07-1969
			ES 359613 A1	16-06-1970
			FR 1604044 A	28-06-1971
			GB 1206529 A	23-09-1970
			NL 6814932 A	24-06-1969
WO 9900425	A	07-01-1999	US 5959102 A	28-09-1999
			AU 8173698 A	19-01-1999
			WO 9900425 A1	07-01-1999
US 4368212	A	11-01-1983	NONE	
EP 0823439	A	11-02-1998	US 5888548 A	30-03-1999
			EP 0823439 A1	11-02-1998
			AT 198896 T	15-02-2001
			DE 69611671 D1	01-03-2001
			DE 69611671 T2	07-03-2002
			DK 823439 T3	26-03-2001
			ES 2155578 T3	16-05-2001
			GB 2311534 A ,B	01-10-1997
			GR 3035753 T3	31-07-2001
			JP 9278801 A	28-10-1997
			PT 823439 T	29-06-2001